

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119806.D
 Acq On : 7 Apr 2020 7:37
 Operator : MA/SJ
 Sample : L2100-05DL 25X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-01-0-21DL

Quant Time: Apr 07 08:19:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

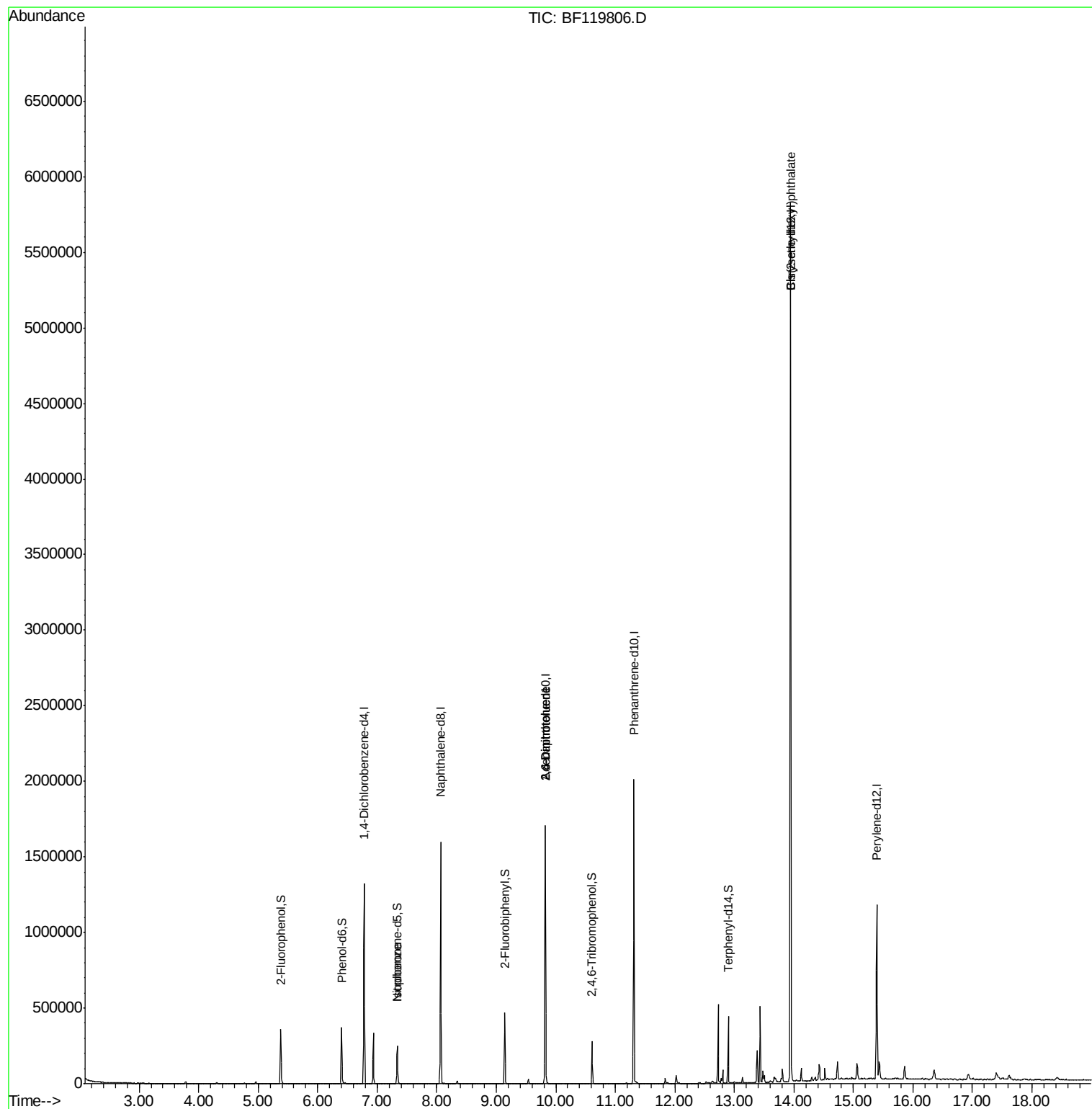
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	186984	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	728897	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	373139	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	711959	20.00	ng	0.00
76) Chrysene-d12	13.95	240	511234	20.00	ng	0.00
87) Perylene-d12	15.40	264	545444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	94383	8.04	ng	0.00
7) Phenol-d6	6.40	99	124774	8.32	ng	-0.01
23) Nitrobenzene-d5	7.34	82	72170	5.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	32338	8.40	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	140479	5.58	ng	0.00
79) Terphenyl-d14	12.90	244	155719	5.97	ng	0.00
Target Compounds						
25) Isophorone	7.34	82	72060	2.65	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	47010	8.27	ng	# 26
57) 2,4-Dinitrotoluene	9.83	165	47010	6.57	ng	# 20
84) Bis(2-ethylhexyl)phthalate	13.94	149	1386790	68.55	ng	# 97

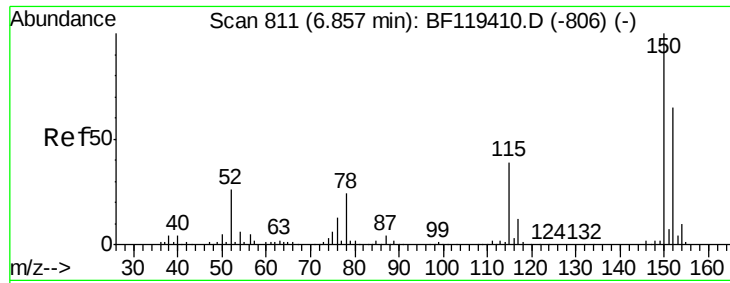
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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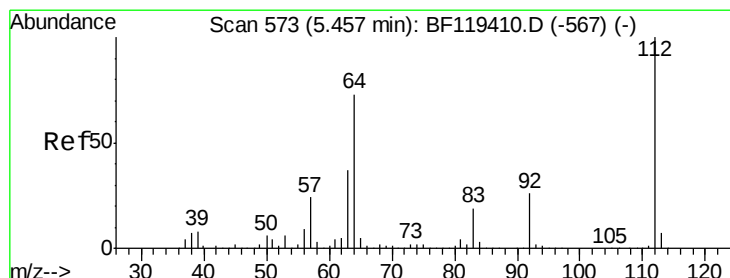
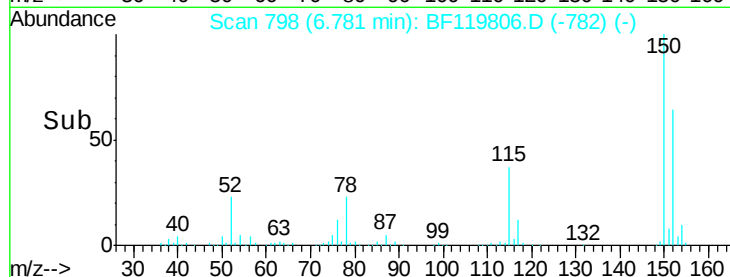
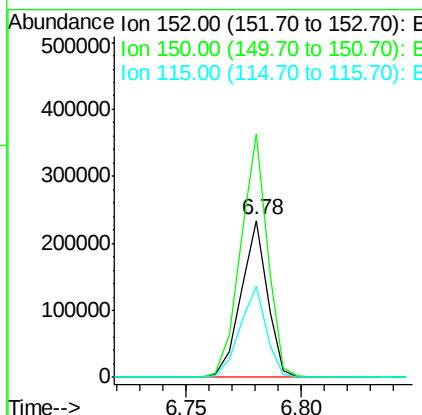
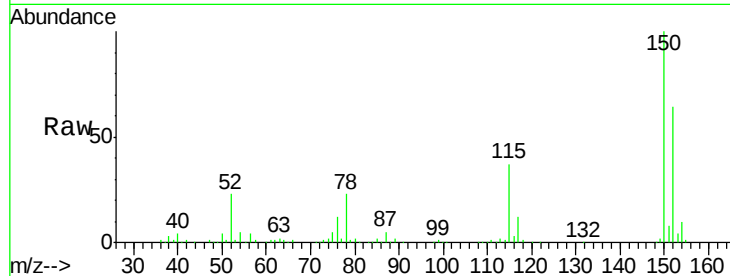




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119806.D
 Acq: 7 Apr 2020 7:37

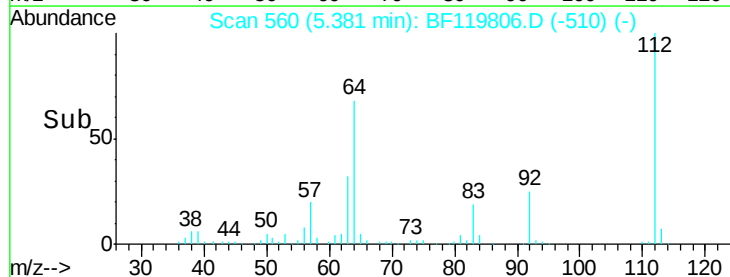
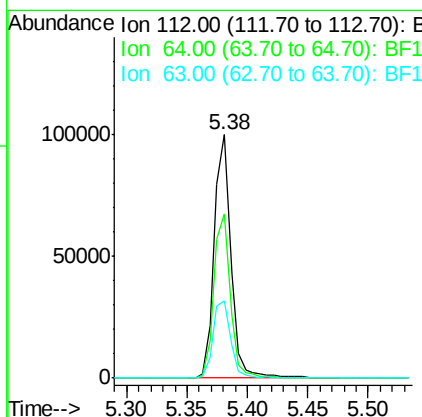
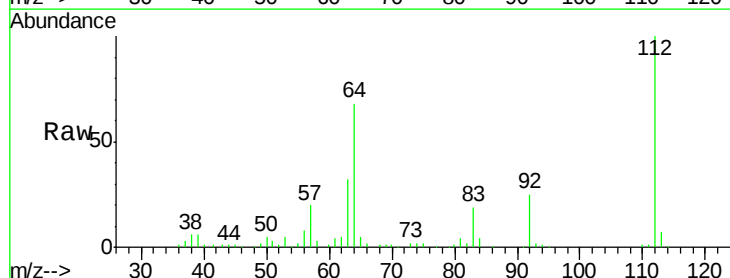
Instrument :
 BNA_F
 ClientSampleId :
 239-01-0-21DL

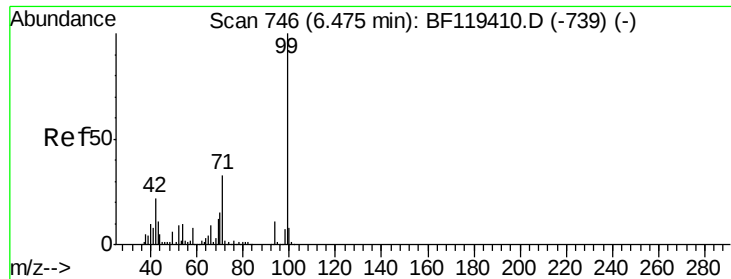
Tgt Ion:152 Resp: 186984
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.5 186.7
 115 57.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 8.04 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF119806.D
 Acq: 7 Apr 2020 7:37

Tgt Ion:112 Resp: 94383
 Ion Ratio Lower Upper
 112 100
 64 67.7 56.7 85.1
 63 31.7 29.5 44.3





#7

Phenol-d6

Concen: 8.32 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119806.D

Acq: 7 Apr 2020 7:37

Instrument :

BNA_F

ClientSampleId :

239-01-0-21DL

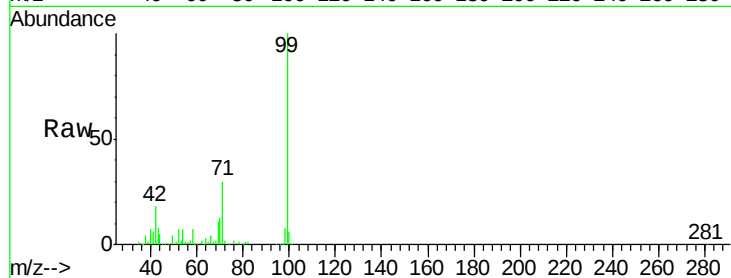
Tgt Ion: 99 Resp: 124774

Ion Ratio Lower Upper

99 100

42 18.1 16.6 24.8

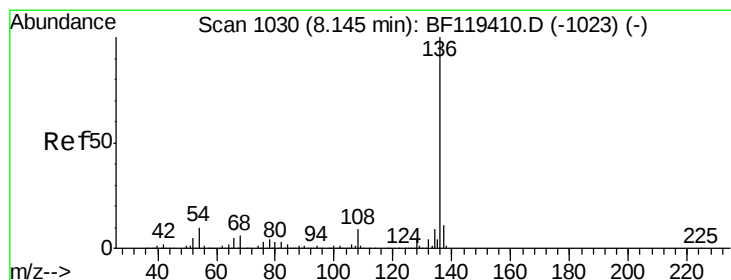
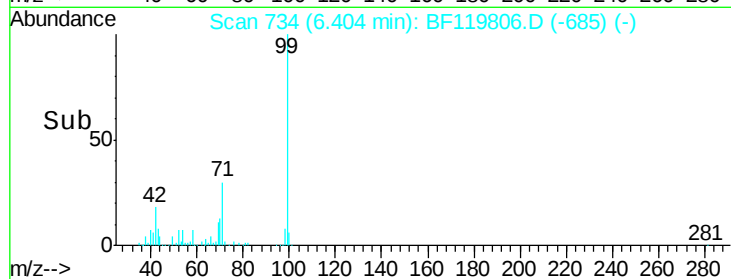
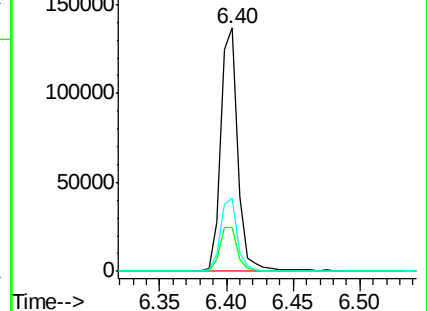
71 30.0 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119806.D

Acq: 7 Apr 2020 7:37

Tgt Ion: 136 Resp: 728897

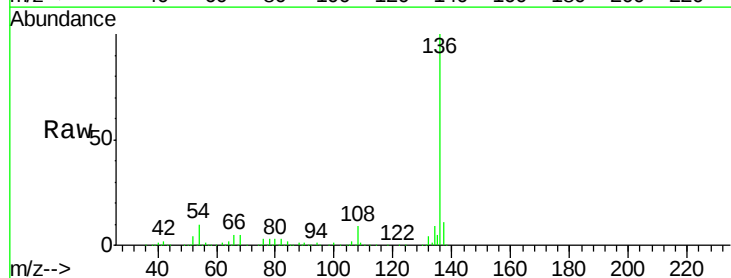
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.6 9.1 13.7

68 5.2 4.6 6.8

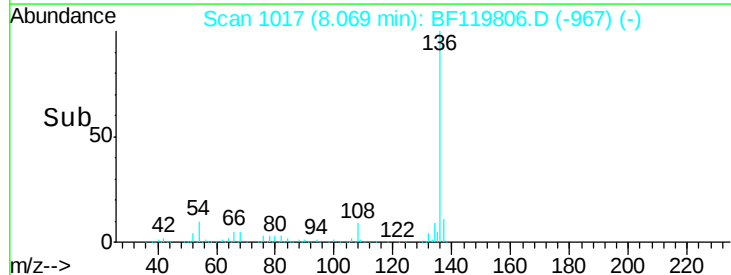
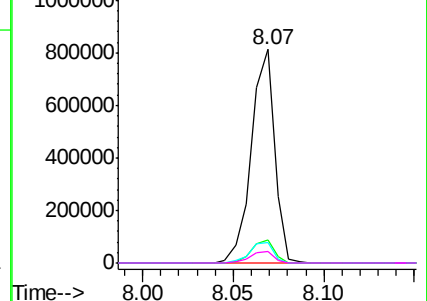


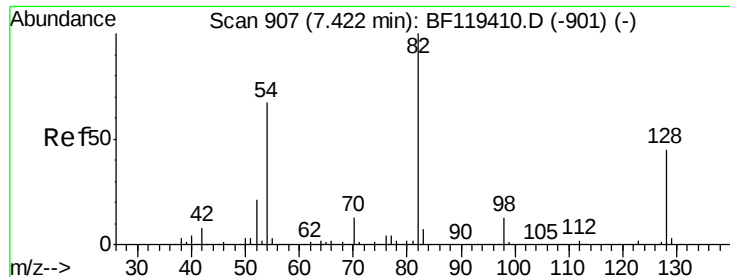
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

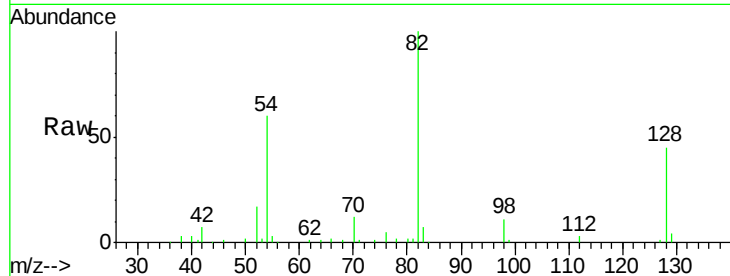




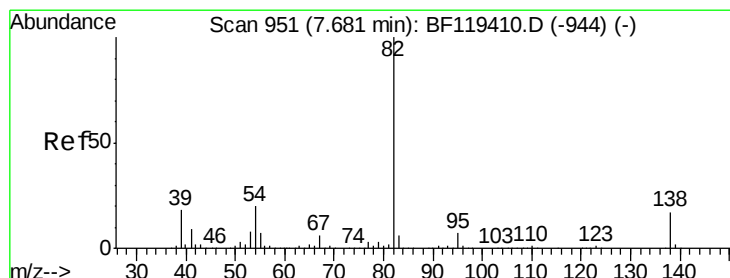
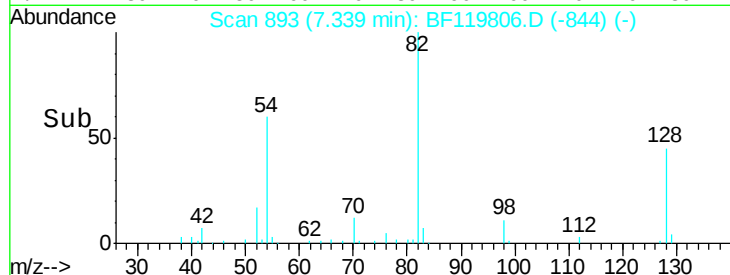
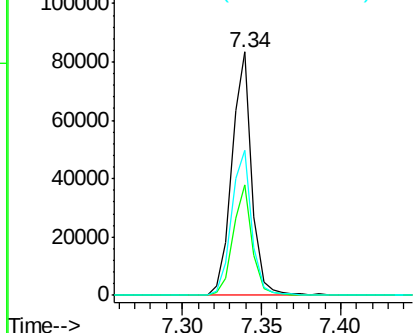
#23
 Nitrobenzene-d5
 Concen: 5.38 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF119806.D
 Acq: 7 Apr 2020 7:37

Instrument :
 BNA_F
 ClientSampleID :
 239-01-0-21DL

Tgt Ion: 82 Resp: 72170
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.3 54.5
 54 59.5 50.6 75.8

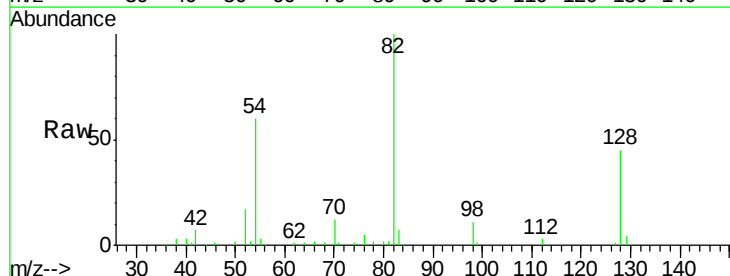


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

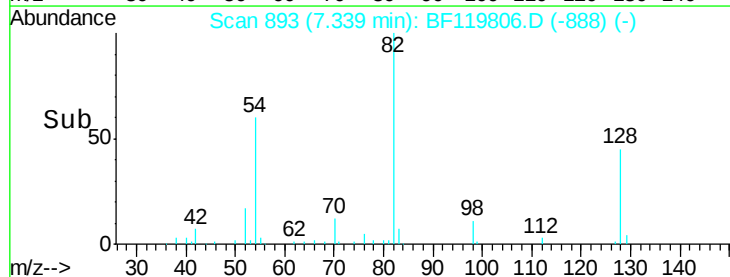
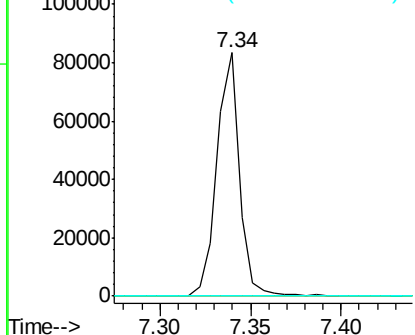


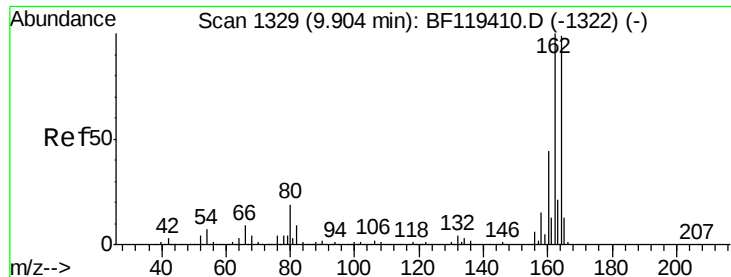
#25
 Isophorone
 Concen: 2.65 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.27 min
 Lab File: BF119806.D
 Acq: 7 Apr 2020 7:37

Tgt Ion: 82 Resp: 72060
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

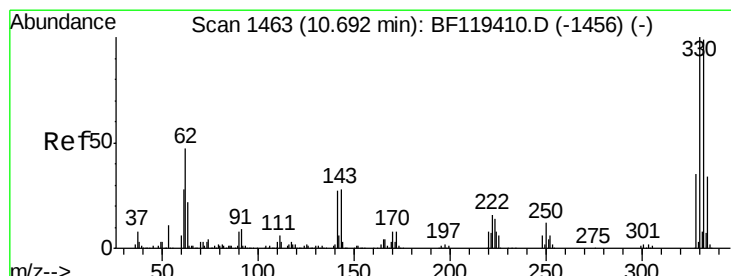
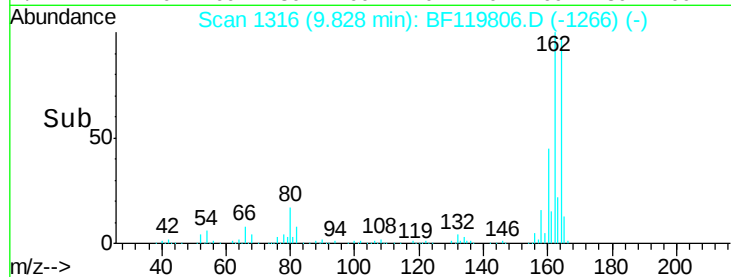
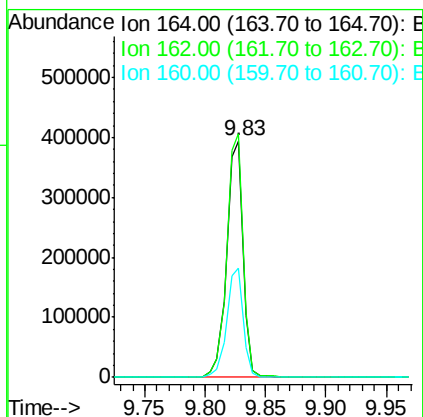
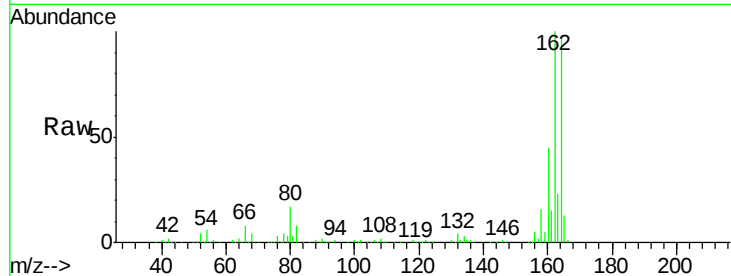




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119806.D
 Acq: 7 Apr 2020 7:37

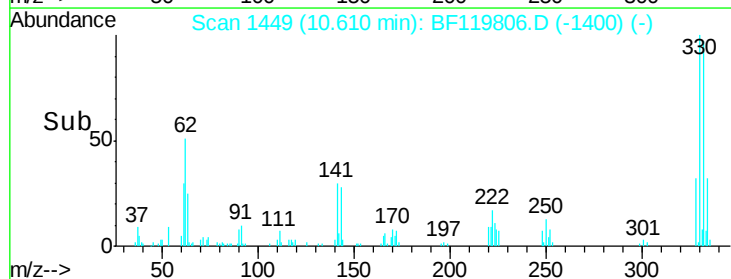
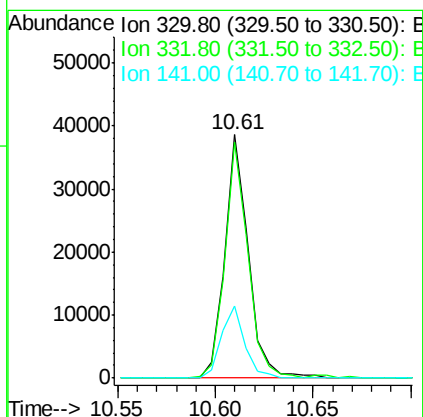
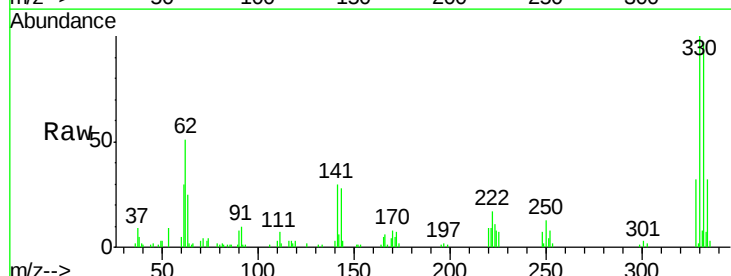
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 239-01-0-21DL

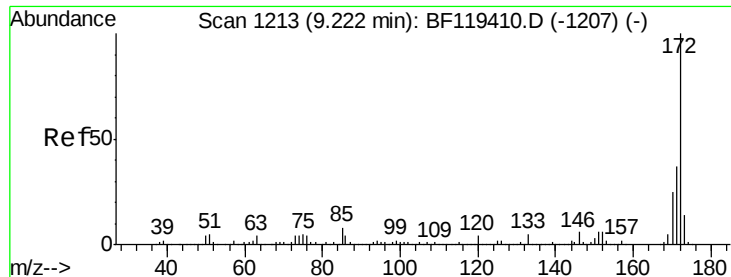
Tgt Ion:164 Resp: 373139
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.6 121.0
 160 46.2 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 8.40 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF119806.D
 Acq: 7 Apr 2020 7:37

Tgt Ion:330 Resp: 32338
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.7 113.5
 141 29.3 25.4 38.0

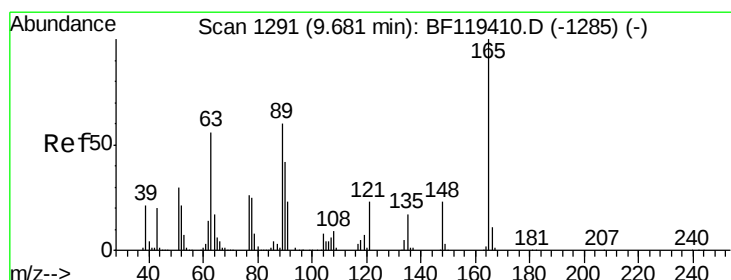
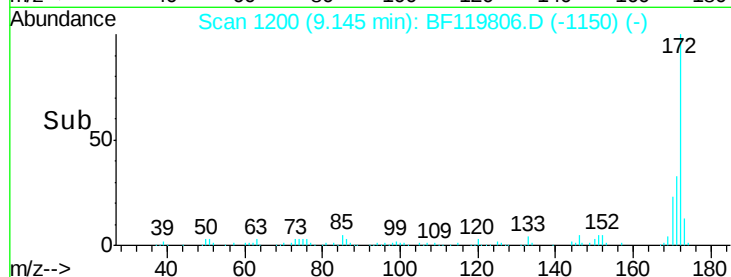
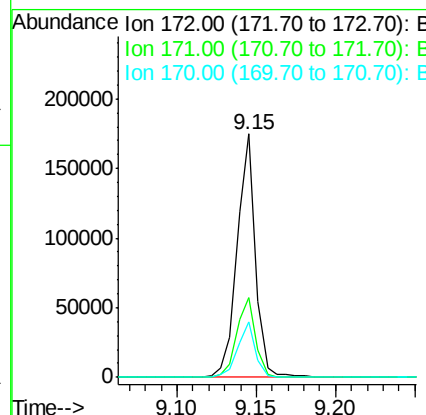
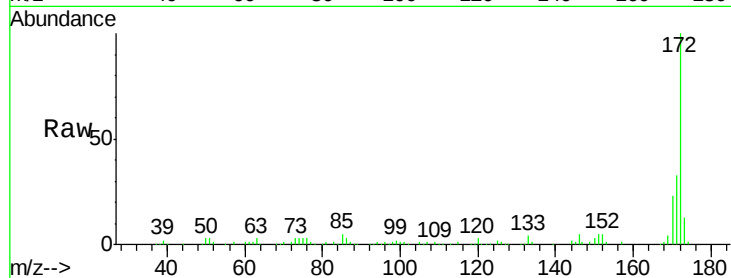




#45
 2-Fluorobiphenyl
 Concen: 5.58 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119806.D
 Acq: 7 Apr 2020 7:37

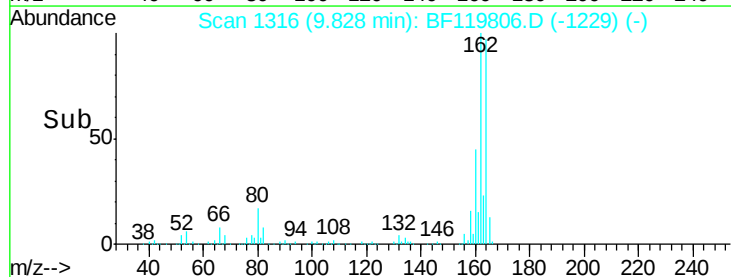
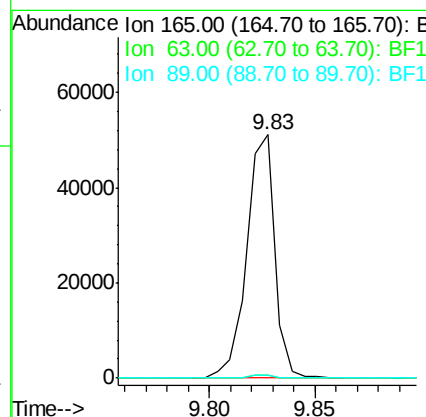
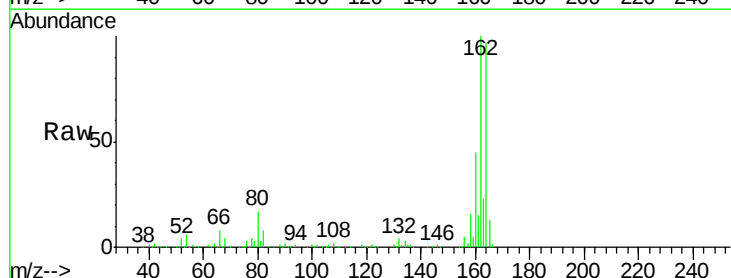
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 ClientSampleId :
 239-01-0-21DL

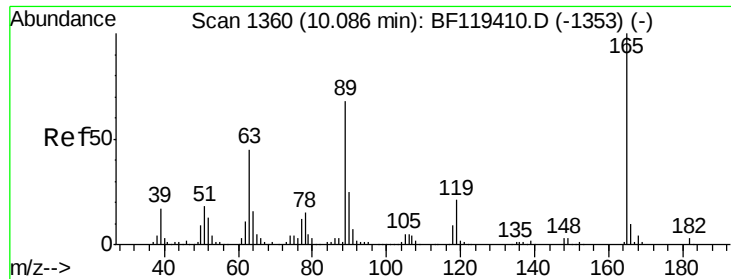
Tgt Ion:172 Resp: 140479
 Ion Ratio Lower Upper
 172 100
 171 33.0 29.6 44.4
 170 22.9 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 8.27 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF119806.D
 Acq: 7 Apr 2020 7:37

Tgt Ion:165 Resp: 47010
 Ion Ratio Lower Upper
 165 100
 63 1.1 45.0 67.4#
 89 1.4 41.5 62.3#

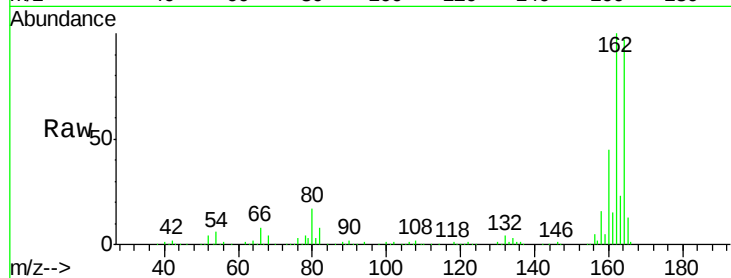




#57
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF119806.D
 Acq: 7 Apr 2020 7:37

Instrument :
 BNA_F
 ClientSampleId :
 239-01-0-21DL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.6	64.0#
89	1.4	61.0	91.4#
182	0.0	2.2	3.2#

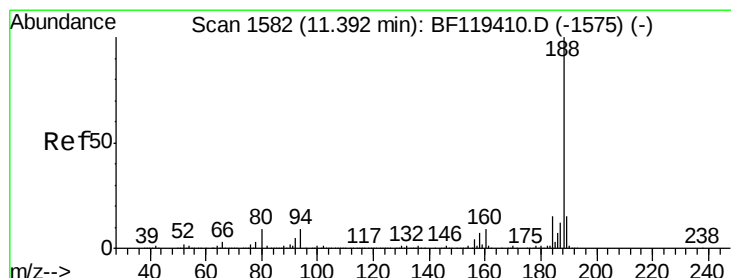
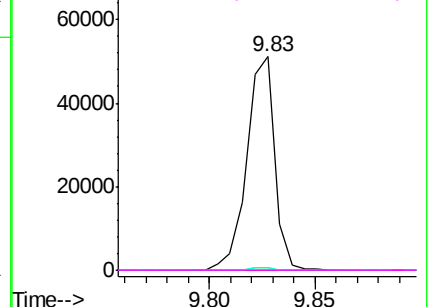
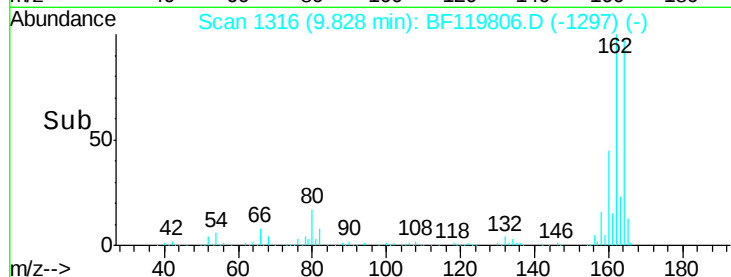


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

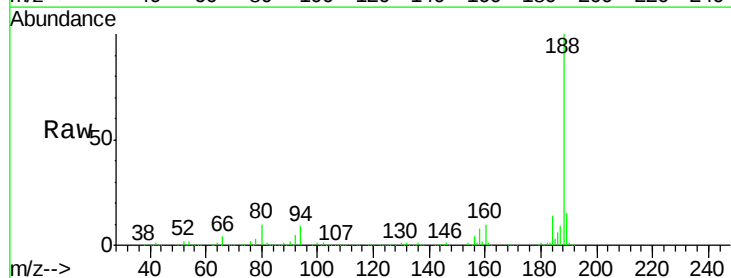
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119806.D
 Acq: 7 Apr 2020 7:37

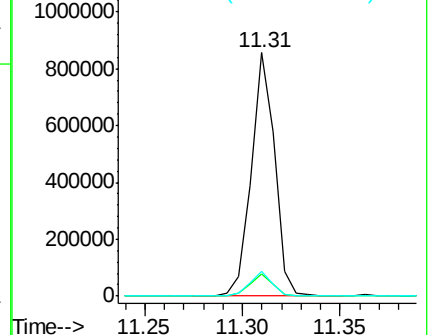
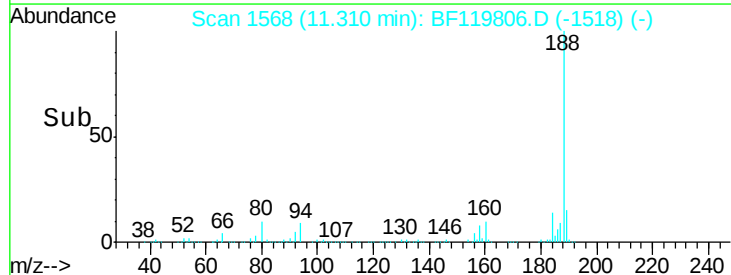
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	10.0	9.0	13.4

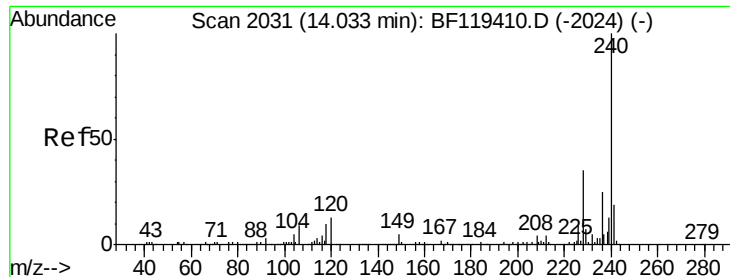


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

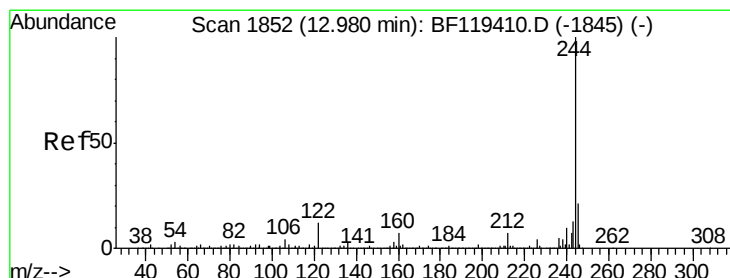
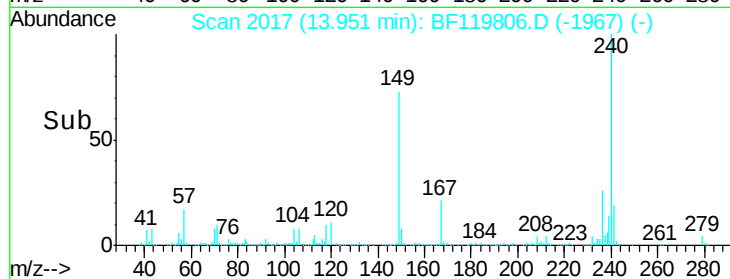
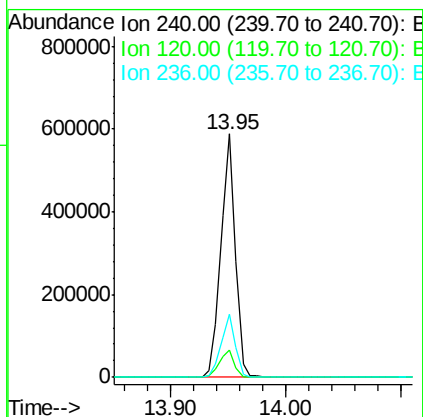
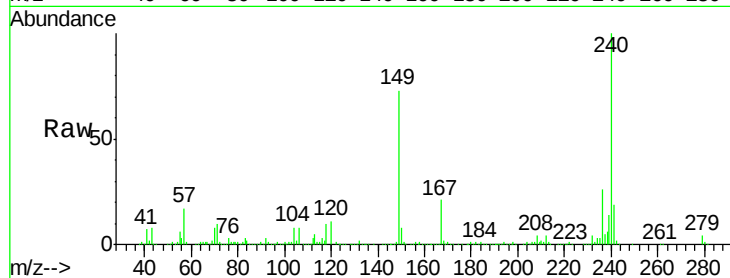




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119806.D
Acq: 7 Apr 2020 7:37

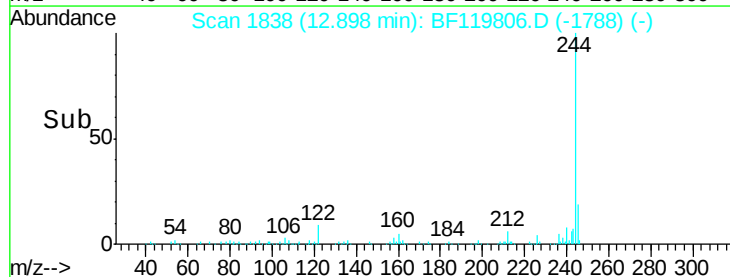
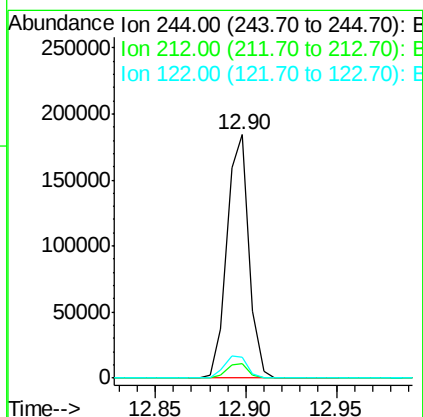
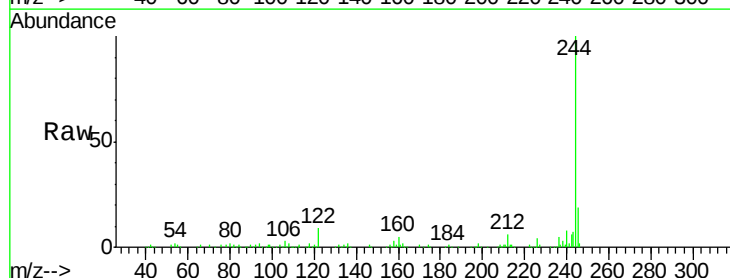
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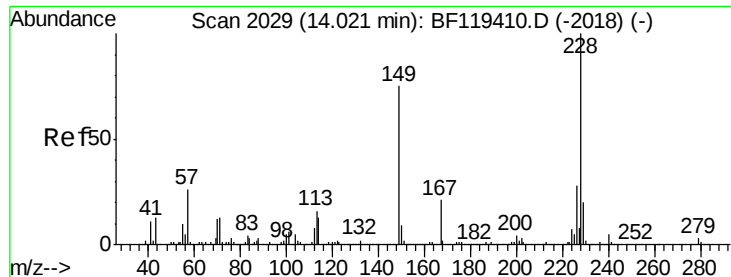
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.6	15.8
236	25.9	20.2	30.2



#79
Terphenyl-d14
Concen: 5.97 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF119806.D
Acq: 7 Apr 2020 7:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.8	8.8#
122	8.6	10.3	15.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 68.55 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF119806.D

Acq: 7 Apr 2020 7:37

Instrument :

BNA_F

ClientSampleId :

239-01-0-21DL

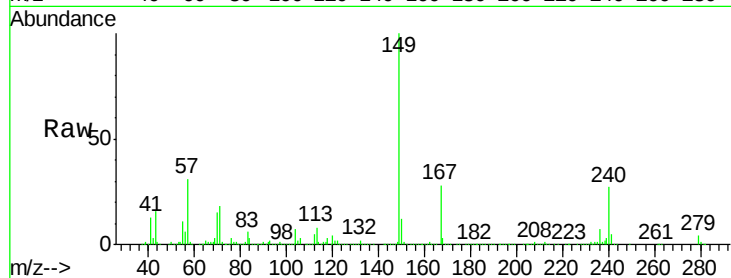
Tgt Ion:149 Resp: 1386790

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

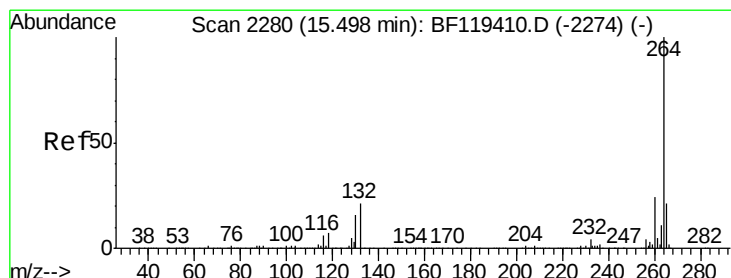
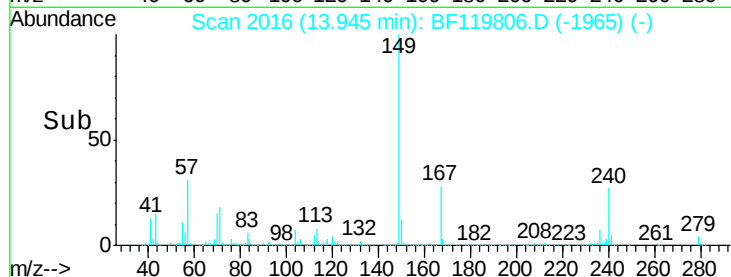
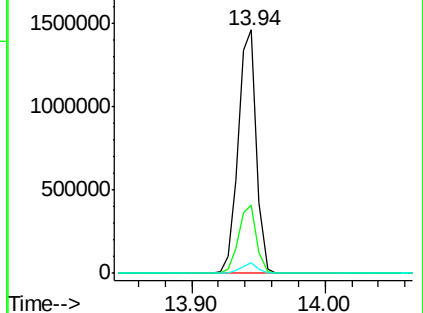
279 4.3 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF119806.D

Acq: 7 Apr 2020 7:37

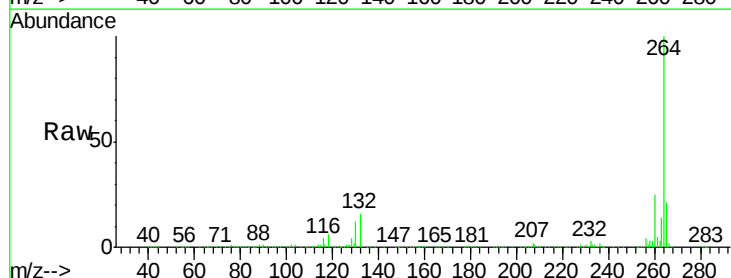
Tgt Ion:264 Resp: 545444

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

